

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF051019\
 Data File : VF062430.D
 Acq On : 10 May 2019 18:23
 Operator : FY/SY
 Sample : K2645-09RE
 Misc : 7.04g/5mL/MSVOA F/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 PL-02-050719-ERE

Quant Time: May 10 18:45:17 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82F050619S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 07 04:34:57 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.04	168	116133	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.76	114	105285	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.90	117	52402	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.61	152	16532	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.02	65	20152	18.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	36.72%	
35) Dibromofluoromethane	4.30	113	30482	36.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	72.68%	
50) Toluene-d8	7.71	98	87038	42.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.74%	
62) 4-Bromofluorobenzene	11.49	95	20153	22.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	44.00%	

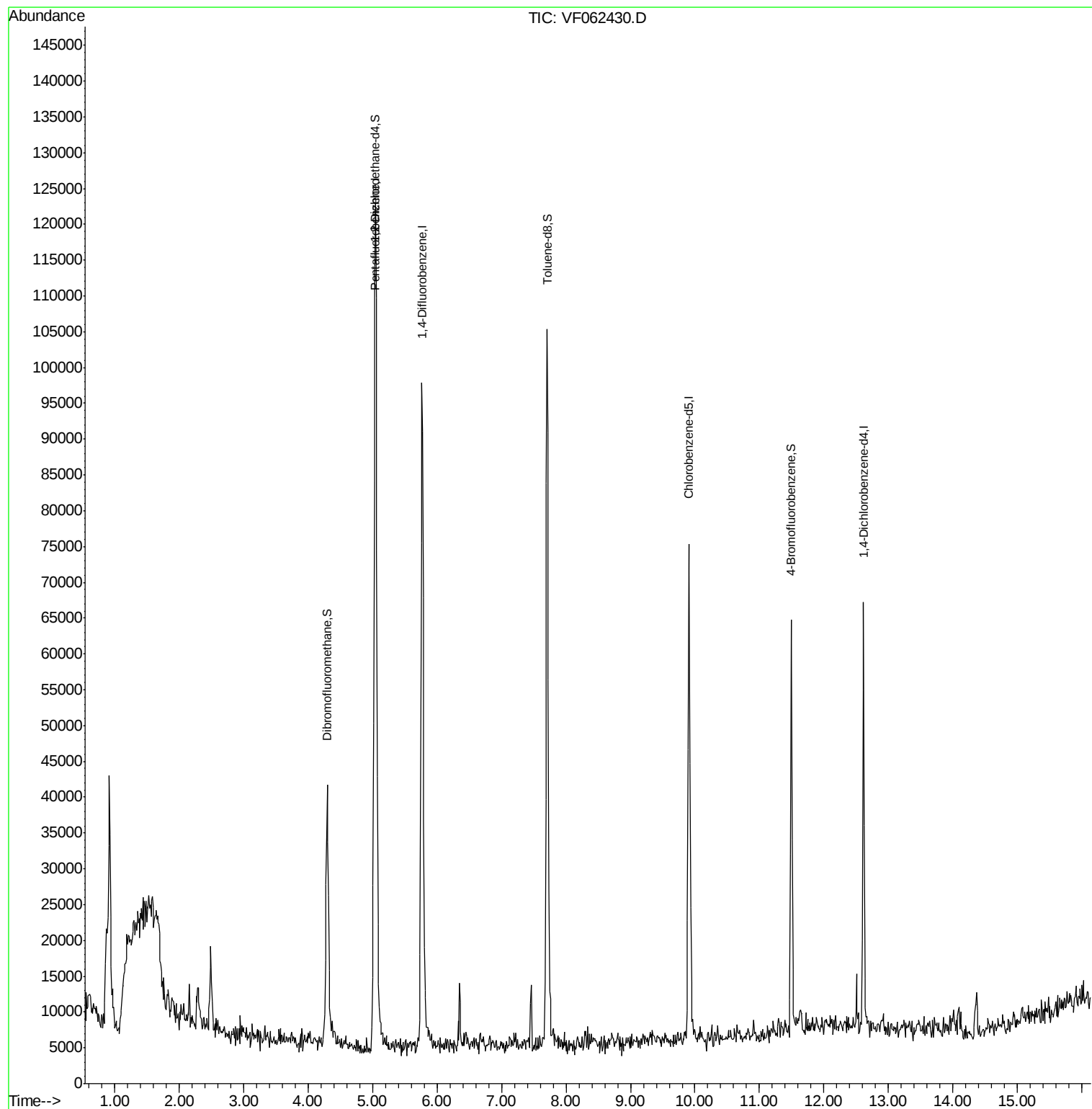
Target Compounds	Qvalue

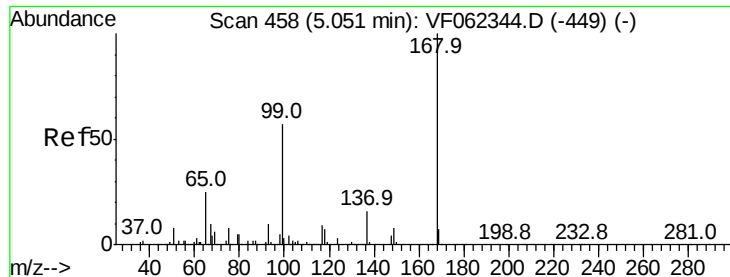
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue May 07 04:34:57 2019
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.04 min Scan# 458

Delta R.T. -0.01 min

Lab File: VF062430.D

Acq: 10 May 2019 18:23

Instrument :

MSVOA_F

ClientSampleId :

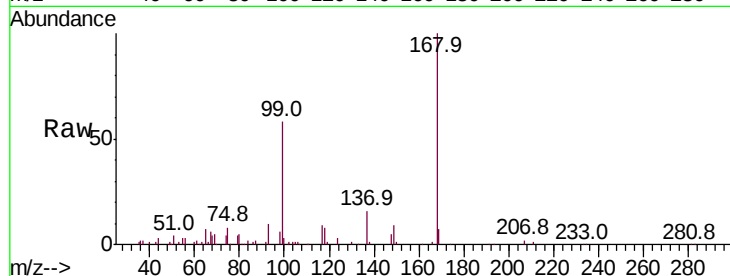
PL-02-050719-ERE

Tot Ion:168 Resp: 116133

Ion Ratio Lower Upper

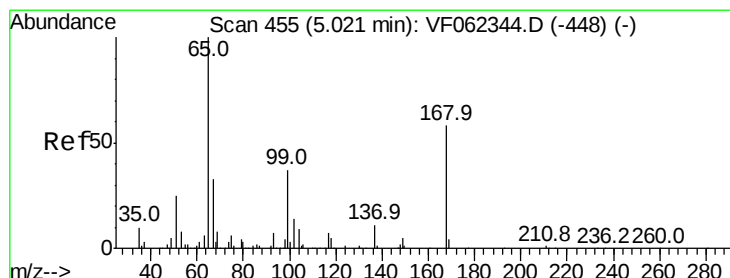
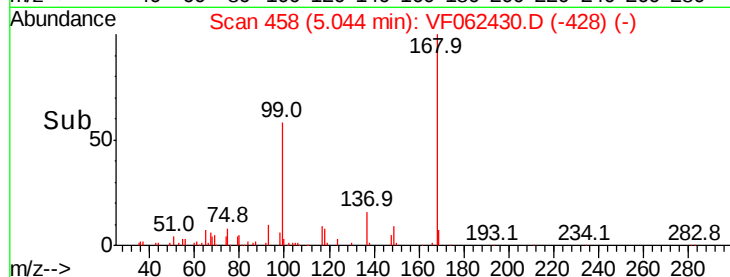
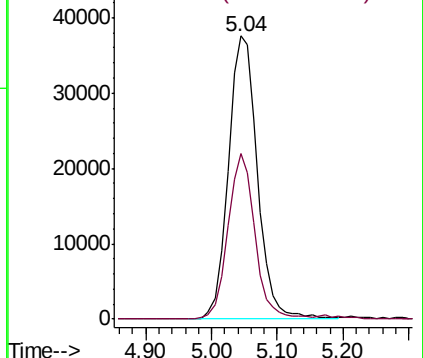
168 100

99 58.5 45.9 68.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VF0



#33

1,2-Dichloroethane-d4

Concen: 18.362 ug/l

RT: 5.02 min Scan# 456

Delta R.T. 0.00 min

Lab File: VF062430.D

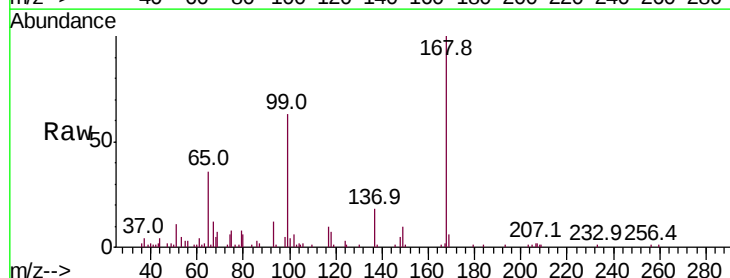
Acq: 10 May 2019 18:23

Tgt Ion: 65 Resp: 20152

Ion Ratio Lower Upper

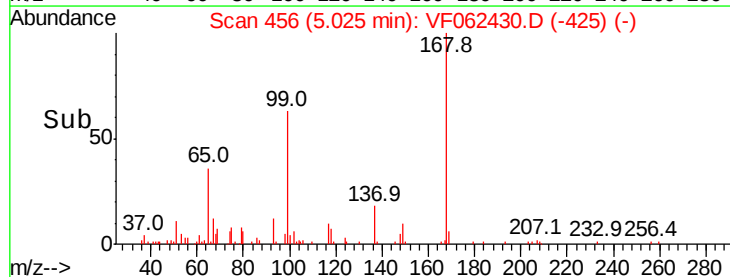
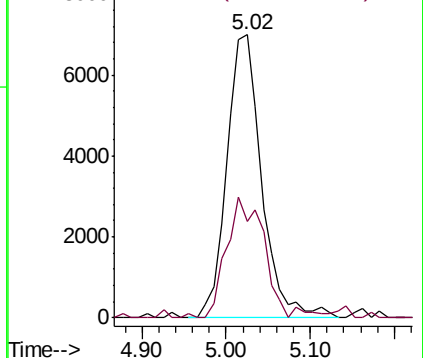
65 100

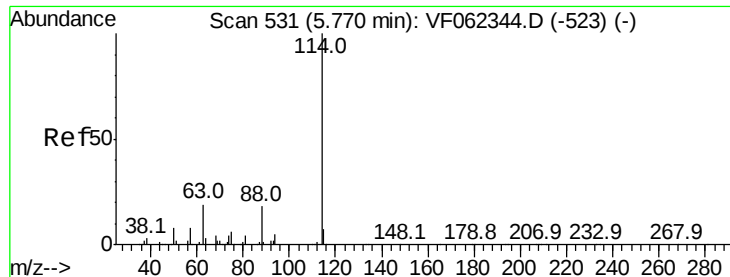
67 44.8 0.0 85.8



Abundance Ion 64.90 (64.60 to 65.60): VF0

Ion 66.90 (66.60 to 67.60): VF0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.76 min Scan# 531

Delta R.T. -0.01 min

Lab File: VF062430.D

Acq: 10 May 2019 18:23

Instrument :

MSVOA_F

ClientSampleId :

PL-02-050719-ERE

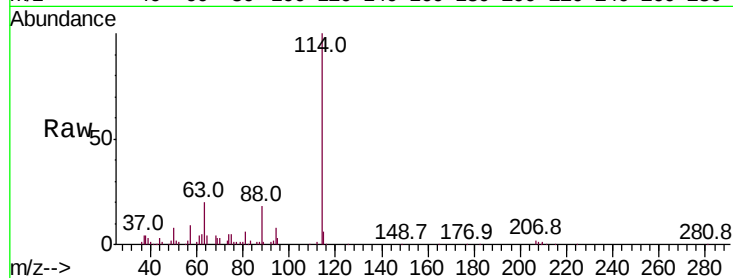
Tot Ion:114 Resp: 105285

Ion Ratio Lower Upper

114 100

63 20.2 0.0 37.4

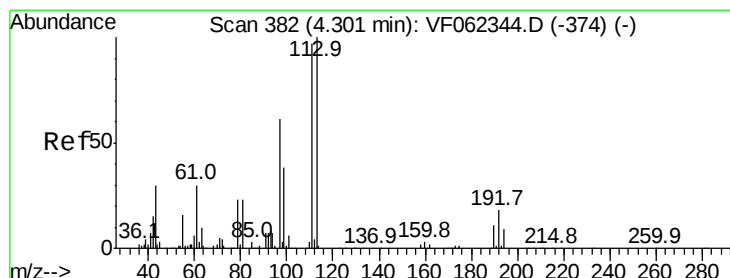
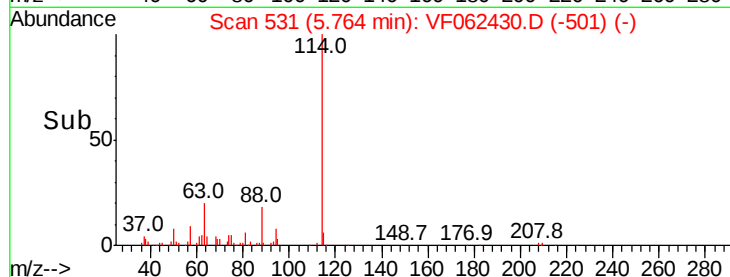
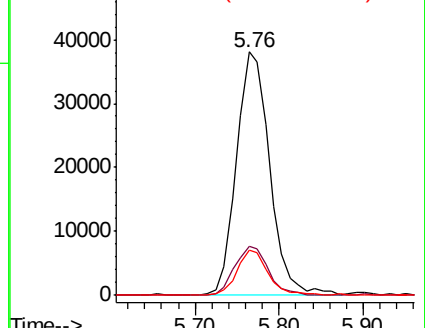
88 18.3 0.0 36.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VF0

Ion 87.90 (87.60 to 88.60): VF0



#35

Dibromofluoromethane

Concen: 36.341 ug/l

RT: 4.30 min Scan# 382

Delta R.T. -0.01 min

Lab File: VF062430.D

Acq: 10 May 2019 18:23

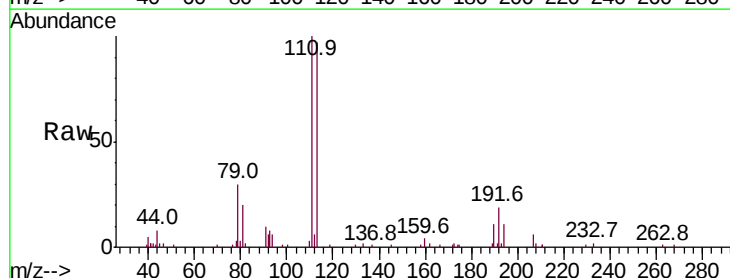
Tgt Ion:113 Resp: 30482

Ion Ratio Lower Upper

113 100

111 102.7 79.4 119.0

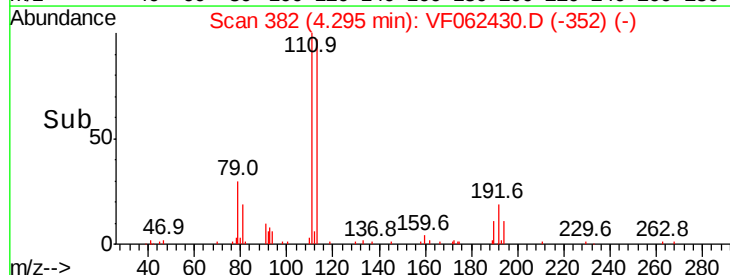
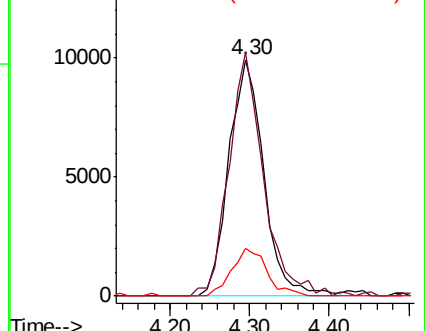
192 20.1 16.0 24.0

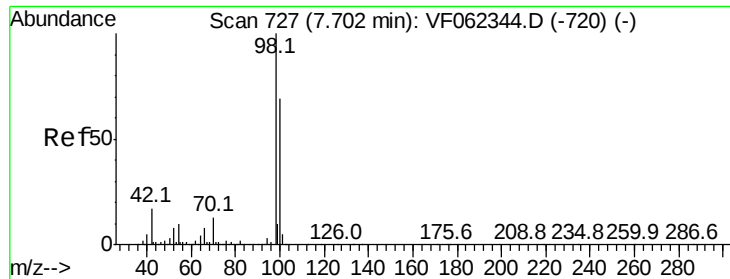


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

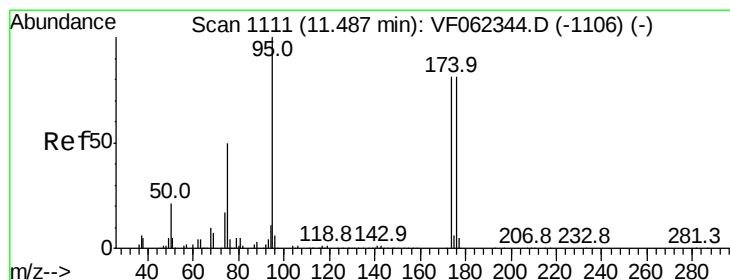
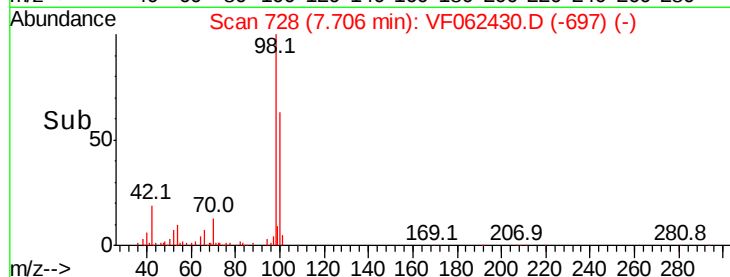
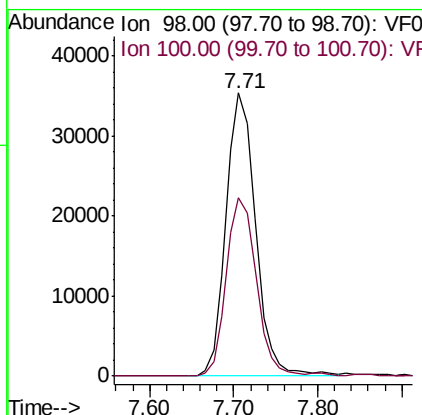
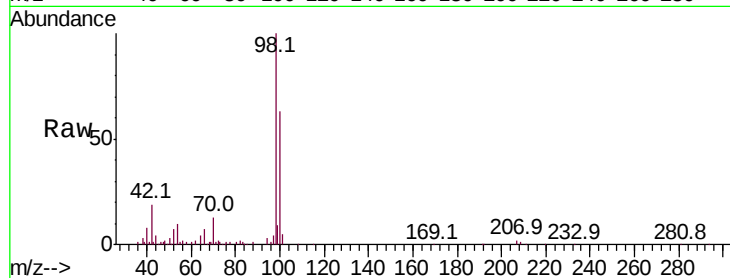




#50
Toluene-d8
Concen: 42.867 ug/l
RT: 7.71 min Scan# 728
Delta R.T. 0.00 min
Lab File: VF062430.D
Acq: 10 May 2019 18:23

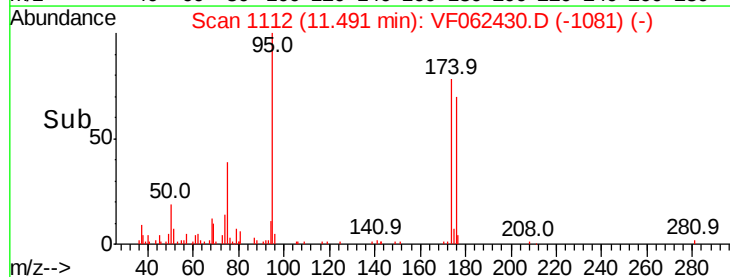
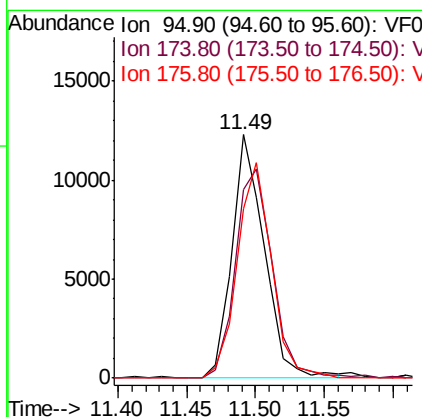
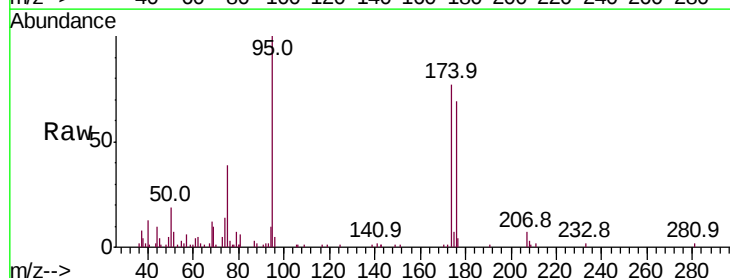
Instrument :
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PL-02-050719-ERE

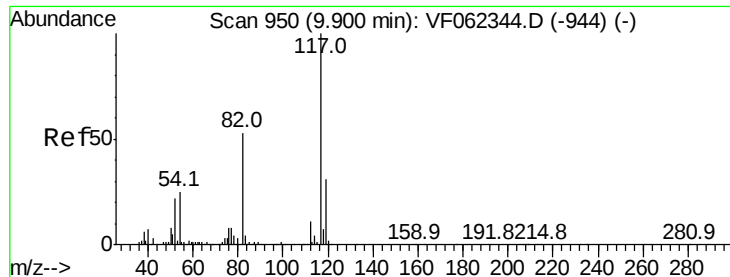
Tot Ion: 98 Resp: 87038
Ion Ratio Lower Upper
98 100
100 64.2 53.3 79.9



#62
4-Bromofluorobenzene
Concen: 22.000 ug/l
RT: 11.49 min Scan# 1112
Delta R.T. 0.00 min
Lab File: VF062430.D
Acq: 10 May 2019 18:23

Tgt Ion: 95 Resp: 20153
Ion Ratio Lower Upper
95 100
174 98.7 0.0 191.8
176 93.7 0.0 193.2

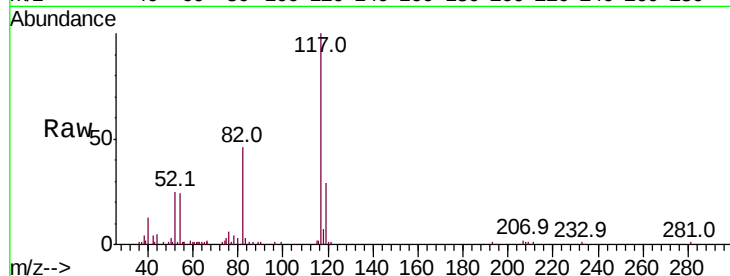




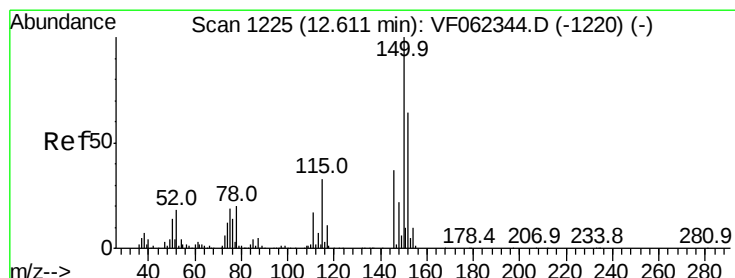
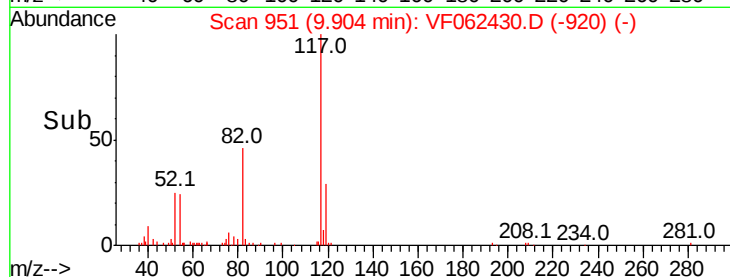
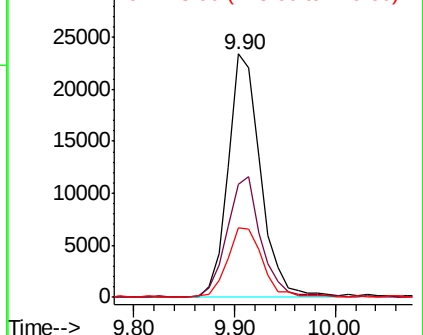
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.90 min Scan# 951
Delta R.T. 0.00 min
Lab File: VF062430.D
Acq: 10 May 2019 18:23

Instrument :
MSVOA_F
ClientSampleId :
PL-02-050719-ERE

Tot Ion:117 Resp: 52402
Ion Ratio Lower Upper
117 100
82 46.4 42.2 63.2
119 28.7 25.0 37.4

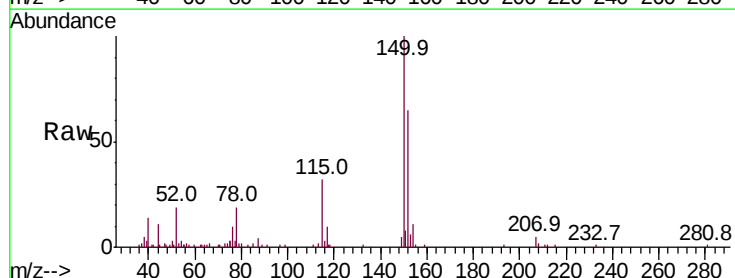


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VF0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.61 min Scan# 1226
Delta R.T. 0.00 min
Lab File: VF062430.D
Acq: 10 May 2019 18:23

Tgt Ion:152 Resp: 16532
Ion Ratio Lower Upper
152 100
115 53.4 26.4 79.2
150 147.3 0.0 335.0



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V

